

MEETING CALL IN NUMBER: (b) (6)

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WEBEX MEETING INFO: (b) (6)

Attendees

Contractor/Sub-Contractor Staff	Phone	Site	N/P	Government Staff	Phone	Site	N/P
Eric Reitter	X			Rod Zion (USACE)	X		
Spencer Archer	X			Karl Kunas (USACE)	X		
Richard Perry	X	X		Greg Zoeller (USACE)	X	X	
Marc Homme	X	X		Evan Lauterbach (USACE)	X		
Khalfani Lee	X	X		Kim Prestbo (USEPA)			
Jose Rosado			X	Ed Moreen (USEPA)			
Steve Criscenzo			X	Don Carpenter (DEQ)	X		
				Jim Stefanoff (Jacobs)			
				Karen Dawson (Jacobs)	X		
				Ken Parsons (USACE)			X

1) Review Meeting Minutes from 6/18/2018

- a. No comments.

2) On-Site Status Review & Look-Ahead

a. Temporary Treatment System (TTS)

- i. Construction of pad with liner for TTS completed.
- ii. Majority of walls around TTS pad complete.
- iii. WesTech on site to start assembling TTS.

b. Design Package 7 Preloading

i. Preload Area B (north of aeration basin).

- 1. Completed Preload Area B on 5/23/18.
- 2. Storm drain system will be completed after yard piping is installed.
- 3. The settlement plates are being monitored weekly. No settlement noted to date. Serial letter will be submitted to remove preload material later this week.

ii. Preload Area C (filter building)

- 1. Will begin as demolition allows.

c. Design Package 5 Sludge Impoundment Area (SIA)

i. Summary of activities completed last week:

- 1. Completed mass grading operations.
- 2. Debris encountered in area of future manhole. DoR provided direction on where debris can be located within the berms. Government confirmed an ASI is not needed as this considered means and methods.

ii. Activities planned for this week:

- 1. Continue fine grading operations.
- 2. Start spreading liner bedding.
- 3. Start to receive materials (e.g., pipe).

d. Design Package 6 Soil Bentonite Cutoff Wall (SBCW)

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- i. Summary of items completed last week:
 - 1. Continued with slot excavation and work pads along SBCW alignment.
 - 2. Decommissioned the monitoring well at ~STA 10+50.
 - 3. City of Kellogg determined that the benches that were removed along the trail can be disposed.
 - ii. Activities planned for this week:
 - 1. Continue with slot excavation and works pads along SBCW alignment.
 - 2. Misc. site prep work.
 - 3. Kickoff meeting for Water District vault installation will be scheduled tomorrow. This is not part of the contract with USACE and is being conducted to permit elimination of the water line that runs along I-90 in area of SBCW installation.
 - e. Design Package 4A CTP Site Civil and Demolition
 - i. Revised Demolition Plan will be re-submitted early this week.
 - ii. Culverts and track out pad to be installed as part of storm water and erosion controls.
 - iii. Preparing location for Lined Pond line tie-in.
 - f. Other – N/A
- 2) Off-Site Status Update
- a. Wood is planning to start conformance testing of the SIA liner as it is produced per 3.3 of 33 56 19 Impermeable Liner System specification.
- 3) Design Status Update
- a. Design Package 4 Interim (CTP Upgrades, including GWCS)
 - i. 2 pending evaluations.
 - 1. 1 pending evaluation by Wood; other tracking Open comment.
 - ii. 76 pending BackChecks by Government.
 - iii. 75 BackChecks are Open; 416 BackChecks are Closed.
 - iv. As final DP4 submittals are provided, reviewers should be able to close out BackChecks.
 - b. Design Package 4A IFC (Demolition and CTP Civil) NTP was issued 6/14/18.
 - i. Wood plans to install standard traffic-rated manhole cover in yard.
 - c. Design Package 4B Final (GWCS, Outfall Dissipater and Structural Concrete) was submitted 3/9/2018. Government review suspense date was extended to 4/6/18. 256 comments received.
 - i. 117 pending evaluations by Wood.
 - 1. 6 BackChecks require evaluations
 - 2. 111 are open pending confirmation in IFC package
 - ii. 51 pending BackChecks by Government.
 - iii. 126 BackChecks are Open; 84 BackChecks are Closed.
 - iv. Pending comments from DP4 Interim: 4
 - v. 404 Compliance Memo will be resubmitted, as a separate submittal, with the DP4B IFC drawing and the contractor Dewatering Plan in early June.
 - vi. Design Package 4B IFC expected to be submitted 6/29/18; pending resolution of Government comments.
 - d. Design Package 4C Final (Structural Steel and Mechanical) was submitted 4/15/18. Isometrics, MTO and 3D model were included in this submittal.
 - i. Government review period ended 5/3/18; 159 comments received.

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- ii. 44 pending evaluations by Wood.
 - 1. 11 pending evaluations by Wood
 - iii. 33 pending BackChecks by Government.
 - iv. 47 BackChecks are Open; 83 BackChecks are Closed.
 - v. Pending comments from DP4 Interim: 64
 - vi. Wood submitted Dogwood Issued for Permit Drawings. Government provided comments to this submittal. Response to comments planned to be submitted 6/29/19
 - vii. IFC submittal planned for 6/29/18; pending resolution of Government comments.
 - viii. Government indicated need for a Design Conference call to discuss Pressuring Indicating Transmitters.
 - 1. Meeting will be setup with Sven and Nate Wagner this week; Tuesday 10:30 AM proposed. Wood will send out an invite.
 - e. Design Package 4D Final (Electrical) planned submission date 7/6/18.
 - i. Pending comments from DP4 Interim: 6
 - ii. Power Factor Variation equipment will be included.
 - f. Design Package 4E (Clarifier Upgrades) or Other
 - i. Pending comments from DP4 Interim: 7
 - ii. Wood will provide the evaluation of the existing clarifier as a standalone submittal which is required by the SOW.
 - iii. Pending Governments review of the submittal, the associated design package or shop drawing will be determined.
- 4) Other 2-Week Look-Ahead/Schedule Review
- a. Reviewed the 90-day look ahead schedule provided with the meeting agenda.
- 5) Upcoming Meetings (Preparatory, finals, etc.)
- a. Yard piping and tie-ins preparatory meeting completed last week.
 - b. Temporary Treatment System preparatory meeting to be scheduled tomorrow.
 - c. Permanent fence preparatory meeting will be schedule after confirming alignment.
 - i. Wood to provide update on status of fence alignment review with Dave Palmer (ITD). Re-alignment around signs and need to change current alignment along west end.
 - d. Liner and SIA piping prep meetings will be scheduled after welding procedures is established.
 - e. SBCW installation preparatory meeting will likely be delayed to week of July 11th.
 - f. Upcoming preparatory meetings to be scheduled after approval of the D&D Plan.
 - g. Commander for Seattle District was on site on 6/22/18.
- 6) Submittal/Submittal Register (Pending, re-submittal, upcoming)
- a. FAT plan to be provided in advance of Factory Accept testing planned in August 2018.
 - b. 404 Compliance Memo comments from USEPA have been provided. Resubmittal planned pending DP4B IFC drawings and the Dewatering Plan.
 - c. SIA preconstruction submittals are in progress.
 - d. SBCW preconstruction submittals are in progress.
 - e. SIA O&M Manual was E coded. Wood preparing responses to comments which appear to be beyond SOW requirements.
 - f. TTS O&M Manual – memo to address cleanout of the lined pond will be submitted.
 - g. Special Inspectors – SBCW qualifications included in CQC Plan. Structural concrete and steel will be provided tomorrow.

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- h. Thickener and Pressure Filter submittals have been approved by the government. Wood has released the filters and thickener for fabrication and notified the government via serial letter.
- i. Demolition Plan will be resubmitted early this week.
- j. Liner installer qualifications and QC approach submitted.
- k. Outstanding preconstruction submittals:
 - i. SBCW mix design – to be submitted early this week
 - ii. No Rise / No impact Certification (batch plant and excavator)
 - iii. Dewatering Plan, plan to provide as a preconstruction submittal, expected in mid / late July
 - iv. Plan for managing sludge in the Lined Pond during operation of the Temporary Treatment System
 - v. PEMB Issued for Permit resubmittal

7) Serial Letters

- a. REA for Unforeseen Conditions has been reviewed by USACE and a response issued to Amec Foster Wheeler. Amec Foster Wheeler is evaluating options for responses.
- b. Serial letter (H-0039) for SPA cover material submitted 6/4/18. This is a notification letter to document elevated XRF screening results of the cover material in the SPA. Government provided response (C-0044). Amec Foster Wheeler will provide a follow up to USACE, expect to submit later this week.
- c. Serial letter (H-0043) for name change from Amec Foster Wheeler to Wood was submitted 6/4/18. Pending admin modification by the Government.

8) Modifications (Expected, Underway, Option items)

- a. Chamber of Commerce billboard modification (R0010) was received for preserving the historical billboard, includes reconnection of power.
- b. SP005 for pipe materials variation – Wood has provided MTO and is preparing an estimate for the change. Amec Foster Wheeler will provide a revised proposal 27 June 2018.
- c. SP012, Request for Proposal for pig vaults received 4/19/18. Proposal provided 5/21/18. Amec Foster Wheeler responding to Government questions.
- d. SP013, Miscellaneous Metals and Power Factor Correction Variation received 5/14/18.
 - i. Decision was made to remove PFC variation from the case. Proposal due to government on 6/22/18.
- a. SP014, Delete POL Containment Pad received 5/21/18. Proposal requested by 5/31/18. Wood provided proposal. USACE requested that a pump be included with the credit. Amec Foster Wheeler provided a serial letter (H-0049) with the credit.
- b. SP016 RFP 009 – CIA Geomembrane Thickness. Amec Foster Wheeler provided a serial letter (H-0050) with a proposal to conduct engineering relative to welding existing 40-mil and proposed 60-mil liners and developing welding requirements.
- c. An RFP (SP017) relative to decommissioning the monitoring well at the SBCW will be sent to Amec Foster Wheeler. Wood to provide proposal this week.

9) Requests For Information

- a. None.

10) Safety Items (Deficiencies, high risk work, clearances, etc.)

- a. No outstanding safety deficiencies.
- b. Safety awareness
 - i. Safety Awareness in the next week includes confined space work in preparation of TTS construction, pipe welding both stick and fusion. Rigging and lifting throughout the project for different phases of work.

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- c. Continued diligence to remaining in compliance (aware) with evolving EM385 safety requirements.
- d. AEC Phase schedule and safety program implementation and integration.
- e. SBCW – Slurry plant will begin assembly in preparation for the slurry wall construction.
- f. Continued SBCW IH/Environmental assessments for personnel safety.
- g. Weekly group safety meetings are taking place on Tuesday mornings to ensure all contractors and team members are on the same page with site traffic, work location and general safety concerns.

11) Quality Items

- a. Materials handling procedures in progress.
- b. Amec Foster Wheeler has prepared a corrective action plan for the control well deficiencies (#2, #5 and #10). QAR and CQCSM reviewed the deficiencies. Plan to do this work in July.
- c. No new QC issues noted by QAR.

12) Working Hours (Holiday working hours, days off, etc.)

- d. 0700 to 1700 PST for construction crews; six, 10 hour days per week for SIA; five days per week, 8 hours per day for SBCW prior to full scale production. AEC will be working five, ten hour days for the TTS and piping tie-ins.
- e. 4 July will be an off day.

13) Other Follow-Up Items

- a. Avista Easement – Wood provided a figure with planned routing of primary power. Draft simplified drawing provided last week. Minor updates are in QC and will be provided later today or tomorrow. Legal description around transformer will need to be revised. Additional edits to drawings complete and will be provided to Government today.
- b. Dan McCracken will be coordinating the semi-annual CIA and Bunker Creek inspections; plan to do this inspection this week.
- c. Wood will provide photos of the existing preload retaining wall blocks for potential use as GWCS well pad walls instead of sloped fill.
 - i. Wood to provide photo today.
- d. Wood will provide USACE with sections through the Filter Building CTP Model to help USACE evaluate colors for the filters. This was discussed with Government. The colors were provided and accepted by Government. Government requested that colors be coordinated throughout building. Rod will follow up with Ed on BIM.

14) O&M Update

- a. O&M continues to be routine.
 - i. pH set point is currently 8.5 due to reduced flows from mine
 - 1. Mine shutdown pumps 6/22/18
 - ii. KT flows currently ~830 gpm at this time.
 - iii. One lime delivery received 6/22/18; no deliveries scheduled at this time.
 - iv. Direct Feed Line pigging and video inspection for 7/9-7/12/18.
- b. Lined Pond is ~0.75 MG; lowest practical level.
- c. Discrepancies – Troubleshooting effluent flow meter; repair kit has been ordered.
- d. OMERS/CMRs
 - i. Lined Pond Pump #1 failed on 4/24/18. OMER #26 has been approved and work is in progress. Pump has been removed and inspected by Beckwith & Kuffel (B&K). B&K planning to re-install Lined Pond Pump #1 this week and perform repairs on other pumps next week.

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- ii. HMI B failure (OMER #29). H2E repaired HMI B and created an image to provide redundancy and provide a means to back up the system should either HMI fail in the future. H2E to resolve trending issue.
- iii. Storm drain under lime silo was found to be plugged (OMER #25). OMER is approved and work will be scheduled. OMER may be revised to include other storm drain work required and re-submitted for Government review and approval prior to conducting the work.

15) Payment Applications

- a. Wood will provide responses to Government's comment on the schedule and will schedule the monthly update meeting for Thursday 6/28.

ACTION ITEMS

No.	Item	Responsible	Anticipated Completion Date
134	Provide preliminary FAT schedule to include generator testing	Wood	7/6/18
154	Address Government comments to draft Avista Easement	Wood	6/25/18
155	Update Government on ITD fence alignment meeting	Wood	6/26/18
156			